D. Electrical

1. IGNITION SYSTEM	
1) Ignition timing (B.T.D.C.)	15°/1,200 r/min
2) Ignition coil	
Model/Manufacturer	CM11-50B/HITACHI
Spark gap	6 mm (0.24 in) or more at 500 r/min
Primary winding resistance	3.9Ω ± 10% at 20°C (68°F)
Secondary winding resistance	8.0kΩ ± 20% at 20°C (68°F)
3) Spark plug	
Type	N-7Y (CHAMPION) or BP7ES (N.G.K.)
Spark plug gap	0.7 ~ 0.8 mm (0.027 ~ 0.031 in)
4) Contact breaker	
Manufacturer/Quantity	HITACHI/2 pcs.
Point gap	0.30 ~ 0.40 mm (0.012 ~ 0.016 in)
Point spring pressure	650 ~ 850 g (22.9 ~ 30.0 oz)
Cam closing angle	93° ± 5°
5) Condenser	
Capacity	0.22μF
Insulation resistance	10MΩ or more
Quantity	2 pcs.
2. CHARGING SYSTEM	
1) AC generator	
Charging output	14V 11A/2,000 r/min
Rotor coil resistance (Field coil)	5.25Ω ± 10% at 20°C (68°F)
Stator coil resistance	0.46Ω ± 10% at 20°C (68°F)
Brush length	14.5 mm (0.571 in)
Brush wear limit	7.0 mm (0.276 in)
2) Rectifier	
Type	6-Element type (Full wave)
Model/Manufacturer	SB6B-17/HITACHI
Capacity	12A
Withstand voltage	400V
3) Regulator	
Type	Tillil type
Model/Manufacturer	TLIZ-80/HITACHI
Regulating voltage	14.5 ± 0.5V
Core gap	0.6 ~ 1.0 mm (0.024 ~ 0.039 in)
Point gap	0.3 ~ 0.4 mm (0.012 ~ 0.016 in)
Voltage coil resistance	10Ω at 20°C (68°F)
5) Battery	
Model/Manufacturer/Quantity	YB14L-A2/YUASA/1 pc.
Capacity	12V, 14AH
Charging rate	1.4A 10 hours
Specific gravity	1.28 at 20°C (68°F)

3. STARTER	
1) Starter motor	
Type	Bendix type
Manufacturer	HITACHI
Model	S108-35
Output	0.5 kw
Armature coil resistance	0.0067Ω ± 10% at 20°C (68°F)
Field coil resistance	0.004Ω ± 10% at 20°C (68°F)
Brush size/Quantity	16 mm (0.63 in)/2 pcs.
Wear limit	4 mm (0.16 in)
Spring pressure	800 g (28.2 oz)
Commutator O.D./Wear limit	33 mm (1.30 in)/31 mm (1.22 in)
Mica undercut	0.7 mm (0.028 in)
2) Starter switch	
Manufacturer	HITACHI
Model	A104-70
Amparage rating	100A
Cut-in voltage	6.5V
Winding resistance	3.5Ω
3) Starter clip friction tension	2.2 ~ 2.5 kg (4.9 ~ 5.5 lb)
4. LIGHTING SYSTEM	
1) Headlight type	Sealed beam
2) Bulb brightness and wattage/Quantity	
Headlight	12V, 50/40W x 1 pc.
Tail/brake light	12V, 3/32 CP (8W/27W) x 1 pc.
Flasher light	12V, 32 CP (27W) x 4 pcs.
Pilot lights: Turn	12V 3.4W x 1 pc.
High beam	12V, 3.4W x 1 pc.
Headlight failure	12V, 3.4W x 1 pc.
Neutral	12V, 3.4W x 1 pc.
Tail/brake failure	12V, 3.4W x 1 pc.
Meter lights	12V, 3.4W x 4 pcs.
3) Reserve lighting unit	
Model/Manufacturer	337-11720/KOITO
4) Horn	
Model/Manufacturer	CF-12/NIKKO
Maximum amparage	2.5A
5) Flasher relay	
Type	Condenser type
Model/Manufacturer	1A0-70/NIPPON DENSO
Flasher frequency	85 ± 10 cycle/min.
Capacity	32 CP (27W) x 2 + 3.4W
6) Flasher cancelling unit	
Model	EVH-AC518
Voltage	DC9V ~ 16V
7) Fuse	
Rating/Quantity	Main (Red): 20A
8) Light checker	
Model	35200-71859
Manufacturer	KOITO